

SAPC-7392  
Copy 6 of 7

Contract No. A-101  
Amendment No. 9

29 June 1956

The Rame-Wooldridge Corporation  
Los Angeles 45, California

Gentlemen:

1. This document constitutes Amendment No. 9 to Contract No. A-101, dated 31 March 1955, between The Rame-Wooldridge Corporation, Los Angeles, California, and the United States of America.
2. Pursuant to the clause of this contract entitled "CHANGES," the Government does hereby amend this contract, as heretofore amended by Amendment numbers 1-8, inclusive, as hereinafter set forth.
3. APPENDIX 1 of the SCHEDULE (Revised May 1956) is hereby amended, as indicated in the attached document entitled APPENDIX 1 - Change Order No. 1, such Change Order representing additional work to be performed by the Contractor under this Contract.
4. In consideration of the expanded scope of work of Contract No. A-101, as amended, the estimated cost and the fixed fee has been revised and the SCHEDULE (Revised May 1956) of this contract is hereby amended as follows:

Delete paragraphs 1 and 2 under SECTION E - ESTIMATED COST AND FIXED FEE in their entirety and substitute in lieu thereof the following:

\*SECTION E - ESTIMATED COST AND FIXED FEE

1. The estimated cost of the performance of this contract, as amended by Amendment Numbers 1-9, inclusive is   Seven Hundred Fifty Thousand Four Hundred Forty-Nine Dollars (\$10,750,449).
2. The fixed fee for performance of this contract, as amended by Amendment Numbers 1-9, inclusive, is Eight Hundred Eighty-Six Thousand Nine Hundred Twelve Dollars (\$886,912)\*

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5. All other terms, conditions and requirements of Contract No. A-101, as amended, remain unchanged.

6. Please indicate your receipt of this Amendment No. 9 to Contract No. A-101 and your acceptance thereof by executing the original and two copies of the Amendment. Return the fully executed original and one copy to the undersigned and retain one fully executed copy for your files.

Very truly yours,

[Redacted Signature]

Contracting Officer  
Contract No. A-101

ACKNOWLEDGED AND ACCEPTED

THE HAWK-SOCLORITE CORPORATION

By \_\_\_\_\_

Title \_\_\_\_\_ (Seal)

Date \_\_\_\_\_

29 June 1956

Contract No. A-101  
Schedule (Revised May 1956)

APPENDIX 1  
(Change Order No. 1)

A. ELECTRONIC SYSTEM NO. 1 REQUIREMENTS:

(No change)

B. ELECTRONIC SYSTEM NO. 2 REQUIREMENTS:

1. Pre-Production Phase:

- a. Study Stage: (No change)
- b. Research and Development Stage: Additional research and development required pursuant to CMCC 151x5.153 and enclosures - estimated additional \$164,400.
- c. Research and Development - Test Set: (Delete this item as set forth in APPENDIX 1 and substitute in lieu thereof the following): "Design, engineering and development of test sets for electronic System No. 2 for ground units and for air units, pursuant to CMCC 1131x5.29 and 1131x5.30, at respective estimated costs of \$51,100 and \$125,800."
- d. Weight reduction study: (This item added to APPENDIX 1) "A weight reduction study designed to ascertain design and engineering changes necessary in System No. 2 to bring the unit closer to original design weight, pursuant to CMCC 151x5.157 at estimated additional cost of \$12,900."
- e. Research and Development - Simulators: (This item added to APPENDIX 1) Pursuant to CMCC 1131x5.26. Estimated cost \$21,394.
- f. Research and Development - Test Chassis, Jigs, etc: (This item added to APPENDIX 1) Estimated cost \$11,300.

**ESTIMATED COSTS: (Revised pursuant to Change Order No. 1)**

B.1. . . . .	\$ 1,746,978
B.2. . . . .	2,459,463
B.3. . . . .	420,189

**C. ELECTRONIC SYSTEM NO. 3 REQUIREMENTS:**

**1. Pre-Production Phase:**

- a. Study Stage: (No change)
- b. Research and Development Change: Additional research development required pursuant to CMCC 151x5.150 and enclosures - estimated additional cost of \$60,042.
- c. Research and Development - Test Set: (Delete last sentence of this item C.1.c. in APPENDIX 1) Estimated cost is \$109,893, pursuant to CMCC 1132x5.14, as funded in Amendment No. 8.
- d. Research and Development - System No. 3A: (This item added to APPENDIX 1) Design and develop a modification of System 3, pursuant to CMCC Dec. No. 151x5.151 - estimated additional cost of \$43,103.

**ESTIMATED COSTS: (Revised pursuant to Change Order No. 1)**

C.1. . . . .	\$ 585,238
C.2. . . . .	265,142
C.3. . . . .	43,432

**D. ELECTRONIC SYSTEM NO. 4 REQUIREMENTS:**

**1. Pre-Production Phase:**

- a. Study Stage: (No change)
- b. Research and Development Stage: (No change)
- c. Research and Development - Test Set: (Delete this item as set forth in APPENDIX 1 and substitute in lieu thereof the following): "Design, engineering and development of test set for electronic system No. 4, at estimated cost of \$200,000. Contractor to submit firm estimate of cost, when known."

**ESTIMATED COSTS: (Revised pursuant to Change Order No. 1)**

D.1. . . . .	\$ 1,638,097
D.2. . . . .	1,290,000

**E. GROUND DUPING AND ANALYSIS - ELECTRONIC SYSTEMS NOS. 1 AND 3:**

**1. Pre-Production Phase: (No change)**

**2. Production Phase - Equipment Requirement No. 1:**

- a. No change
- b. No change
- c. (Delete requirement in APPENDIX 1 and substitute in lieu thereof the following): "Fifteen (15) analysis playback equipments (including three in l.b. above)." Estimated cost \$5,963 each.
- d. (Delete requirement in APPENDIX 1 and substitute in lieu thereof the following): "Nine (9) PRF indicator equipments (includes two items in l.b. above)." Estimated cost \$5,596 each.
- e. No change
- f. (Delete requirement in APPENDIX 1 and substitute in lieu thereof the following): "Fifteen (15) event marker equipments (includes two items in l.b. above)." Estimated cost \$5,182 each.

**ESTIMATED COSTS: (Revised pursuant to Change Order No. 1)**

E.1. . . . .	\$ 252,254
E.2. . . . .	261,955

**F. GROUND DUPING AND ANALYSIS EQUIPMENT - ELECTRONIC SYSTEM NO. 4:**

**1. Pre-Production Phase:**

- a. No change
- b. No change

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- c. (Delete Item c. as set forth and substitute in lieu thereof the following): "Research and Development - Playback System for One-Inch Magnetic Tape: Design, engineering, construction and laboratory and operational test of a system which will playback magnetic tape of one-inch width used in System 4, including preparation of an operation and maintenance manual for each playback system, pursuant to CMCC 11.11x5.22, and including one deliverable unit." Estimated cost \$41,721.

2. Production Phase:

- a. (Delete Item a. as set forth in APPENDIX 1 and substitute in lieu thereof the following): "Six (6) units of one-inch magnetic tape playback equipment for ground analysis use with System 4 (includes one (1) deliverable unit under F.l.c. above)." Estimated cost \$20,680 each or \$103,400.
- b. Purchase of necessary Ampex components and long lead time items in preparation for additional production phases. Funded at \$75,000 in Amendment No. 2.

ESTIMATED COSTS: (Revised pursuant to Change Order No. 1)

F.l.a. & b.	.....	\$	77,279
F.l.c.	.....		41,721
F.2.a.	.....		103,400
F.2.b.	.....		75,000

G. TRAINING OF GOVERNMENT PERSONNEL:

(No change)

H. SUPPORT REQUIREMENTS - FAX DEPOT SPARES AND SLOG:

1. Electronic System No. 1: (No change)
2. Electronic System No. 2: Contractor to submit firm estimates of costs when requirements and costs are known.

ESTIMATED COSTS . . . . . \$ 240,000

3. Electronic System No. 3: Contractor to submit firm estimates of costs when requirements and costs are known.

ESTIMATED COSTS . . . . . \$ 41,600

4. Electronic System No. 4: (No change)

I. SUPPORT REQUIREMENTS - TEST SITES:

(No change)

J. FLIGHT TESTING:

(No change)

K. EQUIPMENT REDESIGN, MODIFICATIONS, RETROFIT AND REPAIRS:

(No change)

L. OTHER SERVICES:

(No change)

M. SUBCONTRACTING:

(No change)

N. MATERIAL:

(No change)

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